

SYSTEMS AND METHODS FOR THE DEPOSITION AND CURING OF COATING COMPOSITIONS

Abstract of Disclosure

Systems and methods are presented for creating a combinatorial coating library.

These systems and methods include a coating system operatively coupled to at least one of a plurality of materials suitable for forming at least one coating layer on a surface of one or more substrates and a curing system operative to apply at least one of a plurality of curing environments to each of a plurality of regions associated with the at least one coating layer and their use. The combinatorial coating library prepared comprises a predetermined combination of at least one of the plurality of materials and at least one of the plurality of curing environments associated with each of the plurality of regions.

Figures